

## Day Ahead Market Zonal LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Zonal Data

09/16/2018

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
CAPITL	27.07	26.69	25.25	24.46	23.84	23.93	23.30	24.58	24.48	28.27	31.70	33.43	33.84	38.58	40.66	43.18	46.43	47.90	44.41	45.24	42.81	37.55	31.76	27.86
61757	1.77	1.59	1.43	1.33	1.35	1.32	1.35	1.41	1.85	2.12	2.35	2.39	2.47	2.56	2.73	2.98	3.28	3.38	3.40	3.43	3.21	2.88	2.36	1.90
	-1.34	-3.24	-3.74	-4.20	-3.69	-4.31	-2.97	-3.83	-0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-0.92
CENTRL	24.38	22.39	20.62	19.41	19.24	18.78	19.34	19.79	22.74	26.52	30.19	32.04	34.65	37.20	39.39	42.55	44.69	45.77	41.47	42.47	40.94	35.66	30.39	26.13
61754	0.34	0.33	0.30	0.21	0.21	0.20	0.17	0.21	0.23	0.37	0.41	0.43	0.43	0.54	0.68	0.76	0.65	0.62	0.41	0.63	0.48	0.28	0.29	0.38
	-0.08	-0.20	-0.24	-0.26	-0.23	-0.27	-0.19	-0.24	-0.01	0.00	-0.43	-0.56	-0.84	-0.64	-0.78	-1.59	-0.89	-0.63	-0.05	-0.03	-0.87	-0.71	-1.00	-0.72
DUNWOD	27.42	26.27	24.77	23.74	23.16	23.10	22.81	23.94	24.83	28.61	32.28	34.12	36.71	39.45	41.42	43.86	47.21	48.84	45.03	45.74	43.32	38.14	32.35	28.32
61760	2.44	1.94	1.83	1.59	1.54	1.50	1.56	1.68	2.23	2.46	2.93	3.07	3.34	3.42	3.49	3.66	4.06	4.32	4.02	3.93	3.72	3.47	3.03	2.58
	-1.02	-2.48	-2.86	-3.21	-2.83	-3.30	-2.27	-2.93	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-0.70
GENESE	24.14	22.15	20.33	19.11	18.92	18.46	19.00	19.31	22.33	26.10	29.39	31.18	33.47	35.92	37.93	40.77	42.94	44.30	40.52	41.73	39.99	34.70	29.50	25.71
61753	0.12	0.13	0.06	-0.04	-0.06	-0.05	-0.13	-0.21	-0.18	-0.05	-0.12	-0.06	-0.20	-0.11	0.00	0.16	-0.21	-0.22	-0.49	-0.04	-0.24	-0.49	-0.32	0.15
	-0.07	-0.16	-0.18	-0.21	-0.18	-0.21	-0.15	-0.19	-0.01	0.00	-0.15	-0.20	-0.29	0.00	0.00	-0.40	0.00	0.00	0.00	0.04	-0.62	-0.51	-0.72	-0.52
H Q	23.07	21.07	19.34	18.32	18.18	17.70	18.37	18.69	21.70	25.12	27.46	28.70	31.09	33.73	35.51	37.67	41.68	43.01	38.40	39.15	36.55	32.07	26.09	22.81
61844	-0.89	-0.79	-0.74	-0.62	-0.62	-0.60	-0.61	-0.64	-0.81	-0.94	-1.06	-1.12	-1.17	-1.22	-1.29	-1.41	-1.47	-1.51	-1.35	-1.42	-1.31	-1.18	-1.02	-0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.84	1.23	1.12	1.07	1.13	1.13	0.00	0.00	1.26	1.24	1.75	1.43	1.99	1.33
HUD VL	27.29	26.17	24.67	23.65	23.08	23.02	22.74	23.85	24.72	28.53	32.08	33.93	36.44	39.23	41.27	43.70	47.08	48.57	44.74	45.49	43.09	37.86	32.12	28.08
61758	2.32	1.88	1.77	1.55	1.50	1.46	1.52	1.62	2.12	2.38	2.73	2.89	3.07	3.21	3.34	3.50	3.93	4.05	3.73	3.68	3.49	3.19	2.79	2.35
	-1.01	-2.44	-2.82	-3.16	-2.78	-3.25	-2.24	-2.89	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-0.69	
LONGIL	28.17	26.78	25.16	24.27	23.37	23.56	23.25	24.39	25.33	29.16	33.19	34.95	37.81	40.85	42.86	45.47	48.60	51.36	47.33	48.79	44.91	39.43	33.32	28.92
61762	3.19	2.45	2.21	2.12	1.75	1.96	1.99	2.13	2.72	3.01	3.84	3.91	4.44	4.83	4.93	5.27	5.44	6.05	5.66	5.60	5.31	4.75	3.99	3.18
	-1.03	-2.48	-2.87	-3.21	-2.83	-3.30	-2.27	-2.93	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.78	-0.66	-1.37	0.00	0.00	-0.24	-0.70
MHK VL	24.70	22.69	20.90	19.75	19.56	19.10	19.72	20.17	23.17	27.07	30.67	32.50	35.12	37.47	39.45	42.55	44.92	46.39	42.57	43.57	42.34	36.73	31.24	26.66
61756	0.62	0.55	0.48	0.44	0.43	0.44	0.49	0.52	0.65	0.91	1.06	1.12	1.24	1.44	1.52	1.65	1.77	1.87	1.56	1.76	1.66	1.18	0.90	0.73
	-0.12	-0.29	-0.34	-0.38	-0.33	-0.36	-0.25	-0.32	-0.01	0.00	-0.26	-0.34	-0.51	0.00	0.00	-0.69	0.00	0.00	0.00	0.00	-1.07	-0.87	-1.24	-0.89
MILLWD	27.38	26.28	24.78	23.75	23.17	23.09	22.81	23.95	24.79	28.59	32.26	34.09	36.68	39.45	41.49	43.90	47.34	48.93	45.11	45.79	43.36	38.14	32.33	28.25
61759	2.40	1.92	1.81	1.57	1.52	1.46	1.54	1.66	2.18	2.43	2.91	3.04	3.30	3.42	3.56	3.70	4.18	4.41	4.10	3.97	3.76	3.47	3.00	2.50
	-1.03	-2.50	-2.89	-3.24	-2.85	-3.32	-2.29	-2.96	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-0.71	
N.Y.C.	27.72	26.54	25.02	23.96	23.38	23.31	22.96	24.12	25.06	28.90	32.64	34.52	37.11	39.84	41.72	44.15	47.51	49.11	45.35	46.12	43.64	38.56	33.54	29.27
61761	2.73	2.21	2.07	1.80	1.75	1.70	1.71	1.86	2.45	2.75	3.29	3.48	3.74	3.82	3.79	3.94	4.36	4.59	4.34	4.31	4.04	3.88	3.40	2.88
	-1.03	-2.48	-2.87	-3.21	-2.83	-3.30	-2.27	-2.93	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.05	-1.35	
NORTH	22.69	20.72	19.00	18.15	18.04	17.55	18.30	18.54	21.43	24.95	26.72	27.95	29.41	34.66	36.45	35.19	41.42	42.79	39.54	40.22	32.80	28.93	21.80	19.83
61755	-1.27	-1.14	-1.08	-0.79	-0.75	-0.75	-0.68	-0.79	-1.08	-1.20	-1.35	-1.43	-1.50	-1.37	-1.48	-1.65	-1.73	-1.74	-1.47	-1.59	-1.59	-1.49	-1.37	-1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.28	1.66	2.46	0.00	0.00	3.37	0.00	0.00	0.00	0.00	5.22	4.25	5.92	3.96
NPX	27.04	26.35	24.91	24.06	23.43	23.46	22.99	24.17	24.44	28.14	31.61	33.43	35.91	38.55	40.58	43.06	46.26	47.73	44.25	44.95	42.49	37.41	31.70	27.88
61845	1.87	1.55	1.43	1.31	1.28	1.25	1.31	1.35	1.82	1.99	2.26	2.39	2.54	2.52	2.65	2.85	3.11	3.21	3.24	3.14	2.89	2.74	2.33	2.00
	-1.21	-2.94	-3.40	-3.81	-3.28	-3.91	-2.70	-3.48	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-0.83

O H 61846	23.95	21.96	20.25	19.04	18.85	18.35	18.76	19.08	22.00	25.76	28.08	29.38	30.98	32.71	34.20	35.61	38.25	40.43	39.00	40.08	37.94	33.18	28.12	25.00
	-0.10	-0.11	-0.08	-0.17	-0.19	-0.24	-0.42	-0.50	-0.52	-0.39	-0.47	-0.62	-0.83	-1.01	-0.91	-0.88	-1.68	-1.83	-1.84	-1.55	-1.66	-1.49	-0.99	-0.10
	-0.09	-0.21	-0.25	-0.27	-0.24	-0.28	-0.19	-0.25	-0.01	0.00	0.80	1.04	1.56	2.30	2.82	3.72	3.22	2.27	0.17	0.19	0.00	0.00	-0.02	-0.06
PJM 61847	25.71	24.19	22.58	21.45	21.07	20.80	20.87	21.66	23.53	27.28	30.94	32.76	35.27	38.17	40.32	42.94	45.65	46.75	42.34	43.19	40.79	35.82	30.39	26.72
	1.17	0.94	0.88	0.70	0.68	0.64	0.61	0.68	0.97	1.12	1.32	1.36	1.37	1.37	1.44	1.49	1.42	1.47	1.27	1.34	1.19	1.14	1.13	1.23
	-0.58	-1.40	-1.61	-1.81	-1.59	-1.86	-1.28	-1.65	-0.05	0.00	-0.27	-0.35	-0.52	-0.77	-0.95	-1.25	-1.08	-0.76	-0.06	-0.04	0.00	0.00	-0.16	-0.45
WEST 61752	24.55	22.47	20.70	19.45	19.26	18.76	19.17	19.48	22.54	26.55	33.15	35.71	40.03	45.65	49.90	56.00	56.07	53.39	41.00	42.06	39.01	34.09	28.82	25.67
	0.50	0.41	0.38	0.25	0.23	0.18	0.00	-0.10	0.02	0.39	0.47	0.34	0.17	0.04	0.23	0.32	-0.47	-0.58	-0.70	-0.38	-0.59	-0.59	-0.29	0.58
	-0.08	-0.21	-0.24	-0.27	-0.23	-0.27	-0.19	-0.24	-0.01	0.00	-3.33	-4.33	-6.49	-9.59	-11.74	-15.47	-13.39	-9.45	-0.69	-0.62	0.00	0.00	-0.02	-0.06